

# Cultivating Math-Mindedness in ALL Students with Janet Moore

Join us as we reimagine mathematics instruction and explore strategies for building an intuitive understanding of math concepts from Kindergarten through High School. By recognizing common threads and making connections between math standards across grade levels, we can become better mathematics educators and help ALL of our students discover just how "math-minded" they can be.

## In this session, participants will:

- Experience several examples of using a C-R-A (Concrete-Representational-Abstract) progression for teaching mathematics concepts at all grade levels
- Explore simple, yet powerful tools that provide a concrete foundation for building student understanding of challenging mathematics concepts
- Use K-12 strategies of composing and decomposing to make sense of traditionally challenging concepts in later grades (such as fractions and decimals, expressions and equations, and area and volume)
- Decode and reinterpret commonly misunderstood standards at various grade levels
- Trace the learning progression of concepts (such as fractions, multiplication and division) from elementary school through high school, and identify opportunities for making connections between student prior knowledge and new mathematical content

Janet Moore is passionate about encouraging students to be curious, inspiring them to explore, and empowering them to experience success in mathematics and science. After teaching mathematics at Bureau Valley High School, Janet Moore became Lead Flight Director of the Challenger Learning Center in Bloomington, Illinois where she led students on simulated space missions, developed STEM curriculum materials, and provided professional development for teachers



**October 13, 2020**  
**Live Online**  
**6PD Hours**

**Grade Levels K-5:**  
**8:30am-11:30am**

**Grade 6-12**  
**12:30pm-3:30pm**

The additional 3 hours of content is further investigation/reflection/planning with the resources provided



Can't attend these dates? Contact Ryan Nevius at IL ASCD 618-203-3993 or [rcneviu@me.com](mailto:rcneviu@me.com)

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[www.ILASCD.org](http://www.ILASCD.org)



## Cultivating Math-Mindedness

October 13- Online

Organization/School

Address: \_\_\_\_\_ City: \_\_\_\_\_

State: \_\_\_\_\_ Zip: \_\_\_\_\_ Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Name/Position: \_\_\_\_\_

Email: \_\_\_\_\_

IL ASCD Membership # \_\_\_\_\_ IEIN # \_\_\_\_\_

Name/Position: \_\_\_\_\_

Email: \_\_\_\_\_

IL ASCD Membership # \_\_\_\_\_ IEIN # \_\_\_\_\_

**If you need to add more names, please duplicate this registration form.**

IL ASCD Member	1 Person Each	2 People Each	3 People Each	Full-Time Student/ Retiree
___\$150	___\$198*	___\$178**	___\$168**	___\$98

\* Includes IL ASCD  
Membership

\*\* 2 or more attendees from the same school district/organization.  
Does not include membership.  
(Call for info on larger team discounts 618-203-3993)

Conference Fees: \$ \_\_\_\_\_

IL ASCD 1 year Membership Fee (add \$49) \$ \_\_\_\_\_

Total Registration Fees \$ \_\_\_\_\_

**Registration deadline is October 6, 2020**. A \$15.00 fee will be charged for cancellations made in writing prior to the deadline. No refunds will be given after the deadline. Confirmation will be sent via e-mail after your registration is processed. Registrations can be transferred to another individual by faxing information to 309-438-5364 or by emailing dscowde@ilstu.edu

### Payment Information:

(Payment or purchase orders MUST accompany registration form)

\_\_\_Check made payable to Illinois State University enclosed

\_\_\_Purchase order ENCLOSED. Purchase order #: \_\_\_\_\_

\_\_\_Charge Credit Card: \_\_\_Master Card \_\_\_Visa \_\_\_Am/Ex \_\_\_Discover  
Account Number \_\_\_\_\_

Expiration: (Month/Year MM/YY) \_\_\_\_\_ and 3 Digit CVV code \_\_\_\_\_

Name on Card \_\_\_\_\_

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Approved Provider: #24595**

### How to register:

**Online:** Use your Visa, MasterCard, Discover, or American Express card at [www.Illinoisascd.org](http://www.Illinoisascd.org)

**Call:** 800-877-1478 or 309-438-2160,

Mon. - Fri. 8:00 a.m. - 4:30 p.m. and use your Visa, MasterCard, Discover, or American Express.

**Mail:** Send completed form with check or copy of PO to: **IL ASCD Janet Moore**— Illinois State University, Conference Services, Campus Box 8610, Normal, IL 61790-8610.

**Fax:** Fax completed form to 309-438-5364 using your Visa, MasterCard, Discover, or American Express or a copy of school P.O.